

**PAT-NO:** JP404218583A  
**DOCUMENT-IDENTIFIER:** JP 04218583 A  
**TITLE:** HEAT-SENSITIVE SUSTAINED RELEASE MATERIAL

**PUBN-DATE:** August 10, 1992

**INVENTOR-INFORMATION:**

<b>NAME</b>	<b>COUNTRY</b>
SAIJO, TAKASHI	

**ASSIGNEE-INFORMATION:**

<b>NAME</b>	<b>COUNTRY</b>
KK SHOKO KAGAKU KENKYUSHO	N/A

**APPL-NO:** JP02157070

**APPL-DATE:** June 15, 1990

**INT-CL (IPC):** C09K003/00 , A01N025/18 , C11B009/00

**US-CL-CURRENT:** 424/468

**ABSTRACT:**

**PURPOSE:** To obtain a heat-sensitive sustained release material dissipating a **volatile** substance exclusively in use and durable to the use over a long period by compounding a resin component with a meltable component and a material obtained by including a **volatile** substance in a sustained release material.

**CONSTITUTION:** The objective sustained release material is produced by compounding (A) a material produced by including a **volatile** substance selected from perfumery, insecticide, fungicide, repellent, rust-proofing agent, lubricant, algicide, etc., in a sustained release material composed of maltose, anhydrous silica, laminar crystal, porous material, etc., and (B) a meltable component selected from fatty acid, glycerol, higher alcohol, polyethylene **glycol**, wax, surfactant, etc., preferably having a freezing point or melting point of -15 to +88°C to (C) a resin such as thermoplastic resin, thermosetting resin, synthetic resin and natural resin.

**COPYRIGHT:** (C)1992, JPO&Japio

